INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/013327

		004/01332/
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ D21F3/00		
According to International Patent Classification (IPC) or to both national	l classification and IPC	
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by cla Int.Cl ⁷ D21F3/00-3/02	ssification symbols)	
Kokai Jitsuyo Shinan Koho 1971-2004 Ji	roku Jitsuyo Shinan Koho tsuyo Shinan Toroku Koho	1994-2004 1996-2004
Electronic data base consulted during the international search (name of d	lata base and, where practicable, search te	rms used)
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category* Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
X JP 1-36960 Y2 (Ichikawa Keor: Kaisha), 08 November, 1989 (08.11.89), Claims; page 2, column 4, lin (Family: none)		1-5
X JP 11-335992 A (Voith Sulzer Patent GmbH), 07 December, 1999 (07.12.99), Çlaims & EP 953678 A & DE & US 6416630 B1	-	1-5
Further documents are listed in the continuation of Box C. See patent family annex.		
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance 	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an invention step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination	
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cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search 10 December, 2004 (10.12.04)	Date of mailing of the international search report 28 December, 2004 (28.12.04)	
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer	
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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